Abstract

Kits are provided for use in the screening of the risk for, the diagnosis, management and research of atherosclerosis and coronary heart disease comprising means for isolating LDL from a serum or plasma sample for the preparation of a LDL fraction, and means for separating the lipids from the LDL fraction to obtain a lipid fraction. The kit can further comprise a means for use in the determination of the baseline level of conjugated dienes (LDL-BDC) in the lipid fraction.

The invention also relates to a kit for use in the above mentioned purpose comprising means for isolating LDL from a serum or plasma sample for the preparation of a LDL fraction, and means for use in the determination of the antioxidant potential of LDL in the sample.

The invention further provides a kit for use in the above mentioned purpose comprising means for isolating LDL from a serum or plasma sample for the preparation of a LDL fraction, means for separating the lipids from the LDL fraction to obtain a lipid fraction, means for use in the determination of LDL-BDC in the lipid fraction, and means for use in the determination of the antioxidant potential of LDL in the sample.

Additional kits and improved methods for analysis of LDL-BDC and/or LDL-TRAP are provided.